

**DISTRICT OF COLUMBIA  
BUILDING CODE SUPPLEMENT OF 2002  
DCMR 12D FUEL GAS CODE**

**CHAPTER 3D GENERAL REGULATIONS**

**SECTION FG-304****COMBUSTION, VENTILATION, AND DILUTION AIR**

*Revise Section FG-304.3 to read as follows:*

**FG-304.3 Outdoor air required.** Where normal infiltration does not provide the necessary air, outdoor air shall be introduced in accordance with Sections 304.11, 304.12, 304.13, or 304.14.

*Revise Section FG-304.8 to read as follows:*

**FG-304.8 Combustion air methods.** Air for combustion, ventilation, and dilution of flue gases for gas utilization equipment vented by natural draft shall be obtained by application of one of the methods covered in Sections FG-304.10 through FG-304.14.

*Add new Section FG-304.13 to read as follows:*

**FG-304.13 Forced combustion air supply.** Where all combustion air and dilution air is provided by a mechanical forced-air system, the combustion air and dilution air shall be supplied at the minimum rate of 1 cfm per 2,400 Btu/h [0.00067 m<sup>3</sup>/(s kW)] of combined input rating of all fuel-burning appliances served. Each of the appliances served shall be electrically interlocked to the mechanical forced air system so as to prevent operation of the appliances when the mechanical system is not in operation. Where combustion air and dilution air is provided by the building's mechanical ventilation system, the systems shall provide the specified combustion/dilution air rate in addition to the required ventilation air.

*Revise Section FG-304.13 to read as follows:*

**FG-304.14 Specially engineered installations.** As an alternative to the provisions of Sections FG-304.10, FG-304.11, FG-304.12, and FG-304.13, the necessary supply of air for combustion, ventilation and dilution of flue gases shall be provided by an approved engineered system.

*Revise Section FG-304.14 to read as follows:*

**FG-304.15 Louvers and grilles.** In calculating free area in FG-304.10, FG-304.11, and FG-304.12, the required size of openings for combustion, ventilation and dilution air shall be based on the net free area of each opening. If the free area through a design of louver or grille is known, it shall be used in calculating the size opening required to provide the free area specified. If the design and free area are not known, it shall be assumed that wood louvers will have 25

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percent free area and metal louvers and grilles will have 75 percent free area. Louvers and grilles shall be fixed in the open position.

*Renumber Section FG-304.15 to read Section FG-304.16.*

**SECTION FG-305 INSTALLATION**

*Add new Section FG-305.1.1 to read as follows:*

**FG-305.1.1 LISTED APPLIANCES.** Where enforcement of a code provision would violate the conditions of the listing of the equipment or appliance the conditions of the listing and the manufacturer's installation instructions shall apply.

*Delete Section 305.2 in its entirety and substitute the following:*

**FG-305.2 ELEVATION OF IGNITION SOURCE.** Equipment and appliances having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (456 mm) above the floor in hazardous locations and public garages, private garages, repair garages, automotive service stations and parking garages. For purpose of this section, rooms or spaces that are not part of the living space of a dwelling unit and that communicate directly with a private garage through openings shall be considered to be part of the private garage.

**EXCEPTION:** elevation of the ignition source is not required for appliances that are listed as flammable vapor resistant and for installation without elevation.

*Add new Section FG-305.3 to read as follows:*

**FG-305.3 HAZARDOUS AREA.** Equipment and appliances having an ignition source shall not be installed in group h occupancies or control areas where open-use, handling or dispensing of combustible, flammable or explosive materials occurs.

*Renumber Section FG-305.3 to read Section FG-305.4.*

*Renumber Section FG-305.4 to read Section FG-305.5.*

**CHAPTER 5D CHIMNEY AND VENTS****SECTION FG-503 VENTING OF EQUIPMENT**

*Add new Sections FG-503.3.6 to read as follows:*

**FG-503.3.6 COMMERCIAL COOKING APPLIANCES VENTED BY EXHAUST HOODS.** Where commercial cooking appliances are vented by means of the type i or type ii kitchen exhaust hood system that serves such appliances, the appliances shall be interlocked with the exhaust hood system to prevent appliance operation when the exhaust system is not operating. Where automatically operated appliances such as water heaters are vented through natural draft kitchen exhaust hoods, dampers shall not be installed in the exhaust system.

**Exception:** an interlock between the cooking appliance and the exhaust hood shall not be required for appliances that are of the manually operated type and are factory equipped with standing pilot burner ignition systems.

*Add new Section FG-503.5.6.4 to read as follows:*

**Fg-503.5.6.4 smoke test.** Before being put into use, a new or existing chimney shall either be proved tight by a scented smoke test or provided with a certification of tightness by an independent licensed contractor.

## CHAPTER 6D SPECIFIC APPLIANCES

### SECTION FG-622 COOKING APPLIANCES

*Add new Sections FG-622.6 to read as follows:*

**FG-622.6 COMMERCIAL COOKING APPLIANCE VENTING.** Commercial cooking appliances, other than those exempted by section fg-501.8, shall be vented by connecting the appliance to a vent or chimney in accordance with this code and the appliance manufacturer's instructions or the appliance shall be vented in accordance with section fg-503.3.6.